



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

DEC 20 2000

DOT-E 6530
(NINTH REVISION)

EXPIRATION DATE: November 30, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Air Products and Chemicals, Inc.
Allentown, PA

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of hydrogen and mixtures of hydrogen with helium, argon or nitrogen, in certain cylinders filled to 110 percent of their marked service pressures. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.302(c) except as specified herein.
5. BASIS: This exemption is based on the application of Air Products and Chemicals, Inc. dated December 5, 2000, submitted in accordance with § 107.109.

DEC 20 2000

Continuation DOT-E 6530 (9th Rev.)

Page 2

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Compressed gas, flammable, n.o.s.	2.1	UN1954	N/A
Hydrogen, compressed	2.1	UN1049	N/A

7. SAFETY CONTROL MEASURES: PACKAGING - Prescribed packagings are DOT Specification 3A, 3AA, 3AX or 3AAX steel cylinders, not over 35 years old, that are filled to 110% of their marked service pressure, conforming to the requirements prescribed in § 173.302(c) and the following:

a. DOT Specification 3A and 3AX cylinders are limited to those having an intermediate manganese composition.

b. Cylinders manufactured from intermediate manganese steel must have been normalized, not quenched and tempered. Quench and temper treatment of intermediate manganese steel is not authorized.

c. Cylinders from chrome moly steel must have been quenched and tempered, not normalized. Use of normalized chrome moly cylinders is not permitted.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

DEC 20 2000

Continuation DOT-E 6530 (9th Rev.)

Page 3

c. Cylinders must be equipped with safety relief devices as follows:

(i) Cylinders less than 65 inches in length must be equipped with fusible metal backed frangible disc devices.

(ii) Cylinders 65 inches or greater in length and 9-5/8 inches in diameter or larger must be equipped with fusible metal backed frangible disc devices or frangible disc devices except cylinders having diameter of 22 inches or larger must be equipped with frangible disc devices.

d. Each cylinder or manifolded group of cylinders must be conspicuously marked "DOT-E 6530." Tube-trailers must have this marking displayed on the right side, near the front, in letters not less than 2 inches high on a contrasting background. Cylinders marked "DOT SP 6530" prior to December 30, 1976, may be transported under the terms of this exemption.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and rail freight.

10. MODAL REQUIREMENTS: None as a requirement of this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

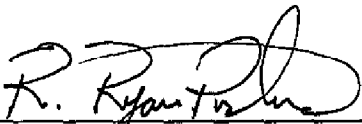
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

(Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

DEC 20 2000

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: KFW/sln

JUL 9 2001

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate: JUL 09 2001

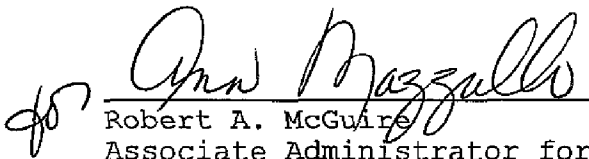
Company Name City/State	Application Date	Issue Date	Expiration Date
AGA Gas, Inc. Cleveland, OH	6/14/2001 & 7/3/2001	JUL 9 2001	11/30/2002
National Welders Supply Co., Inc. Charlotte, NC	1/31/2001	2/16/2001	11/30/2002
Gas Tech, Inc. Indianapolis, IN	12/15/2000	1/4/2001	11/30/2002
Gas Tech, Inc. Hillside, IL	1/10/2001	1/19/2001	11/30/2002
Praxair Puerto Rico, Inc. Gurabo, PR	12/15/2000	1/4/2001	11/30/2002
FIBA Technologies, Inc. Westboro, MA (Former Grantee: FIBA Leasing Co.- Mass Oxygen Equipment Co.)	12/12/2000	12/20/2000	11/30/2002
Air Liquide America Corp. Houston, TX	1/24/2001	2/1/2001	11/30/2002
AGL Welding Supply Co. Inc., Clifton, NJ	1/12/2001	1/25/2001	11/30/2002
Messer Griesheim Industries, Malvern, PA	12/19/2000	1/4/2001	11/30/2002
Airgas, Inc. Radnor, PA	1/12/2001	1/25/2001	11/30/2002
Airgas, Inc. Cheyenne, WY	12/29/2000	1/25/2001	11/30/2002
NexAir, L.L.C. Memphis, TN	1/3/2001	1/19/2001	11/30/2002
Holox, Ltd. Norcross, GA	3/6/2001	3/22/2001	11/30/2002

JUL 9 2001

Continuation of DOT-E 6530 (9th Rev.) APPENDIX A

Page 6

Company Name City/State	Application Date	Issue Date	Expiration Date
Praxair Distribution Southeast, LLC Tequesta, FL	12/29/2000	1/19/2001	11/30/2002
Praxair Distribution, Inc., Tonawanda, NY	1/19/2001	2/1/2001	11/30/2002
Matheson Tri-Gas, Inc. East Rutherford, NJ	1/22/2001	1/30/2001	11/30/2002
BOC Gases Murray Hill, NJ	1/4/2001	1/19/2001	11/30/2002


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

JUL 09 2001